Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl052523\
Data File : PL083006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 14:01
Operator : AR\AJ
Sample : 02908-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
DUP01MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 21:25:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.319	2.638	50692137	43112301	17.248	16.607
28) SA	Decachlor...	8.737	7.745	33395684	39965560	15.923	16.073
	Target Compounds						
2) A	alpha-BHC	3.768	3.135	173.1E6	138.5E6	38.985	37.109
3) MA	gamma-BHC...	4.096	3.461	168.2E6	135.2E6	40.604	40.546
4) MA	Heptachlor	4.674	3.792	149.6E6	130.8E6	39.130	35.727
5) MB	Aldrin	5.010	4.068	148.7E6	126.8E6	42.274	38.981
6) B	beta-BHC	4.300	3.762	72796500	55637771	38.665	38.905
7) B	delta-BHC	4.541	3.987	161.4E6	128.5E6	46.923	39.207
8) B	Heptachlo...	5.437	4.569	133.5E6	117.8E6	41.747	39.704
9) A	Endosulfan I	5.817	4.936	121.4E6	107.6E6	40.461	38.514
10) B	gamma-Chl...	5.691	4.818	133.4E6	117.0E6	41.992	38.949
11) B	alpha-Chl...	5.769	4.881	132.0E6	117.9E6	41.142	39.264
12) B	4,4'-DDE	5.948	5.072	119.0E6	104.1E6	43.163	42.856
13) MA	Dieldrin	6.092	5.200	126.9E6	114.0E6	42.203	40.394
14) MA	Endrin	6.319	5.475	109.4E6	101.8E6	40.720	40.123
15) B	Endosulfa...	6.542	5.772	104.8E6	100.7E6	38.666	40.695
16) A	4,4'-DDD	6.464	5.626	95375954	83005888	43.890	43.160
17) MA	4,4'-DDT	6.775	5.874	94615871	87452833	37.798	39.198
18) B	Endrin al...	6.672	5.951	90305606	82547702	44.914	41.744
19) B	Endosulfa...	6.906	6.174	105.5E6	97011871	41.133	39.613
20) A	Methoxychlor	7.256	6.453	54402816	51735121	41.140	40.680
21) B	Endrin ke...	7.386	6.679	110.9E6	110.8E6	43.469	40.986
22)	Mirex	7.849	6.849	84842407	90830879	40.478	38.819

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl052523\
Data File : PL083006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 14:01
Operator : AR\AJ
Sample : 02908-06MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
DUP01MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 21:25:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
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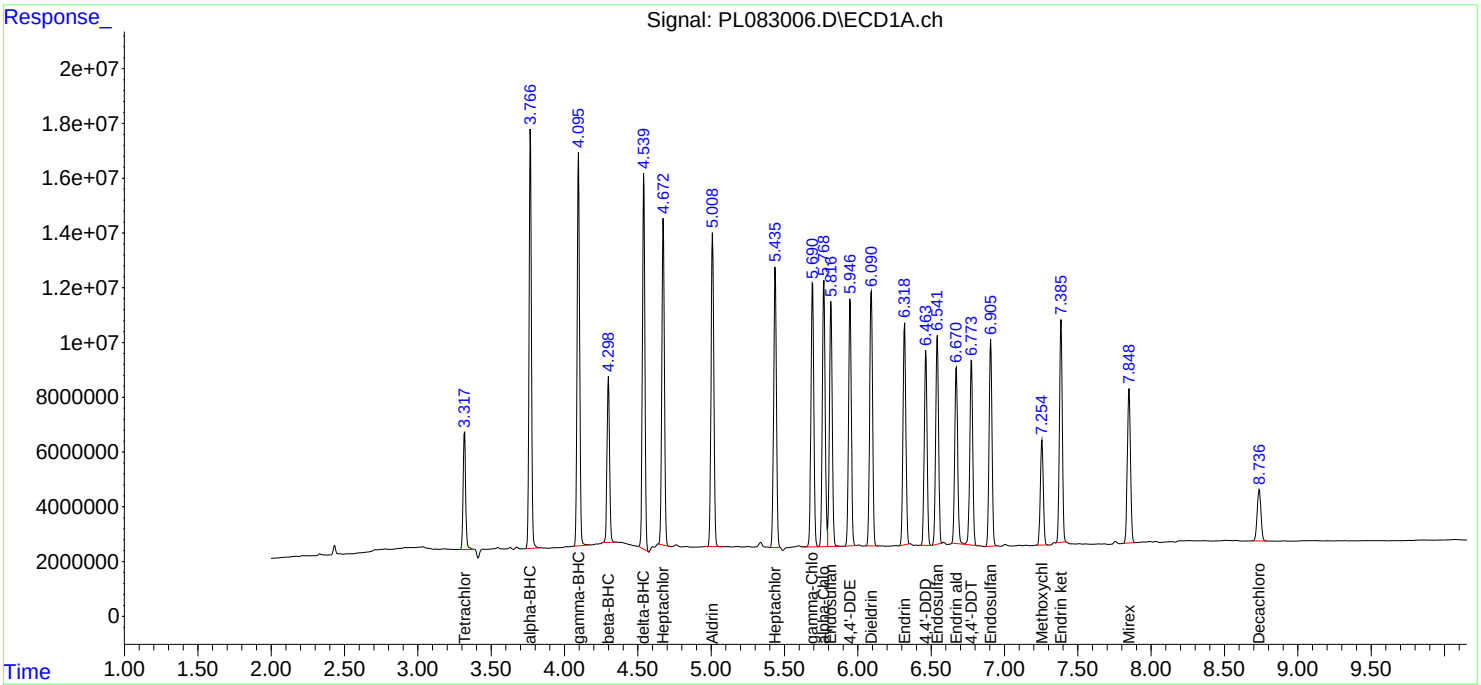
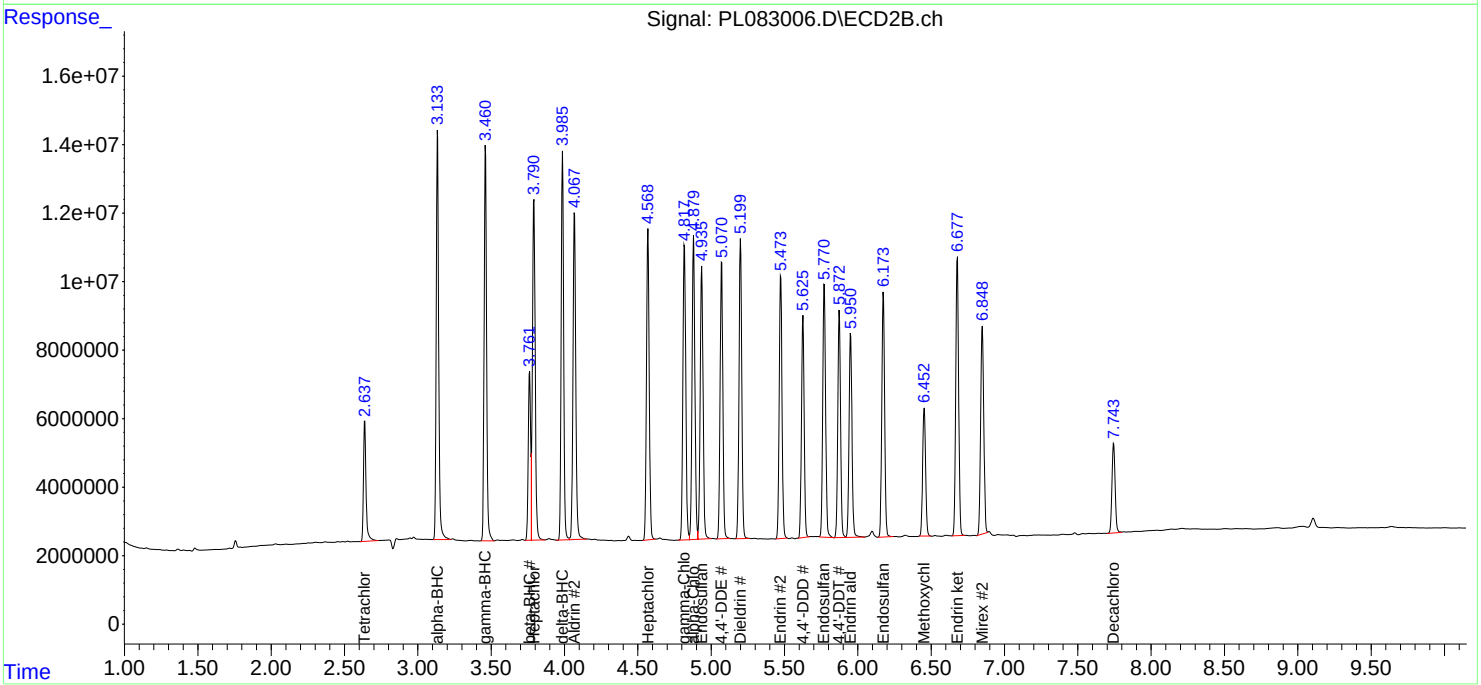
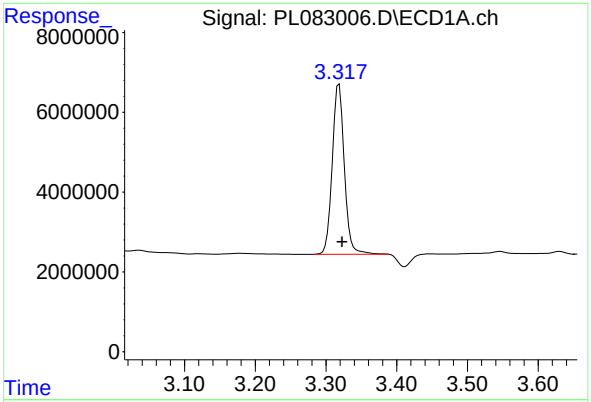
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



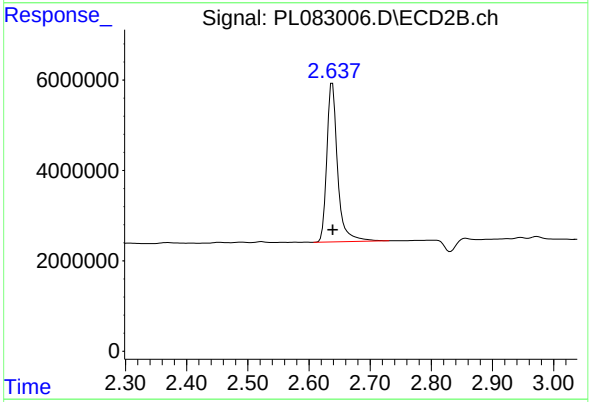




#1 Tetrachloro-m-xylene

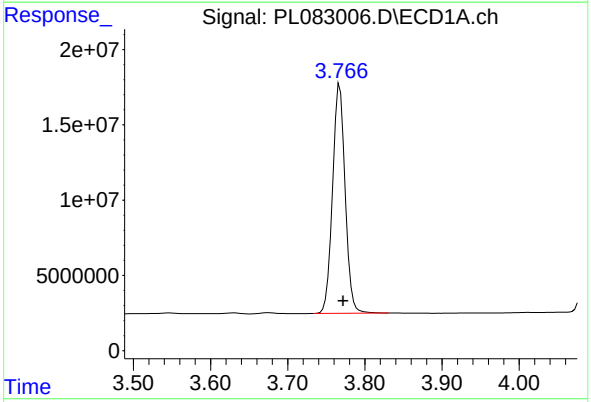
R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 50692137
Conc: 17.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



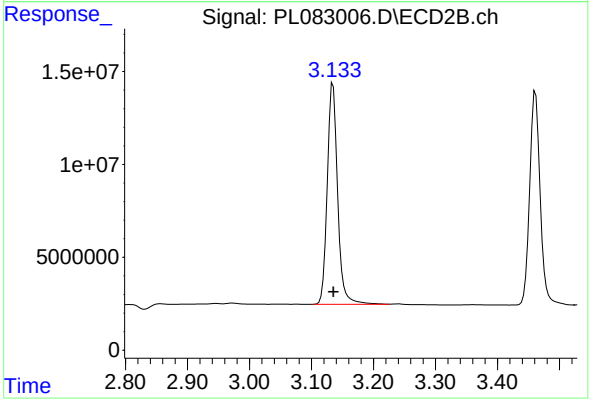
#1 Tetrachloro-m-xylene

R.T.: 2.638 min
Delta R.T.: 0.000 min
Response: 43112301
Conc: 16.61 ng/ml



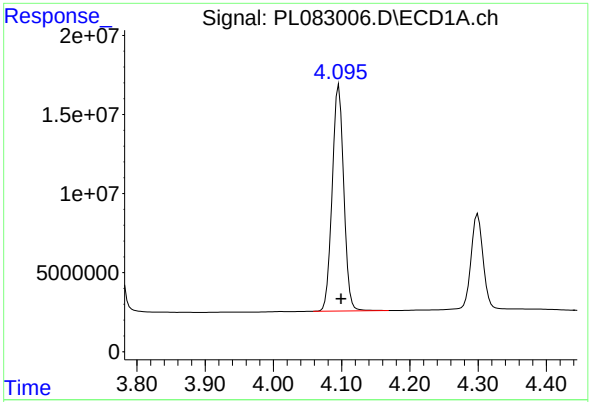
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 173063960
Conc: 38.98 ng/ml



#2 alpha-BHC

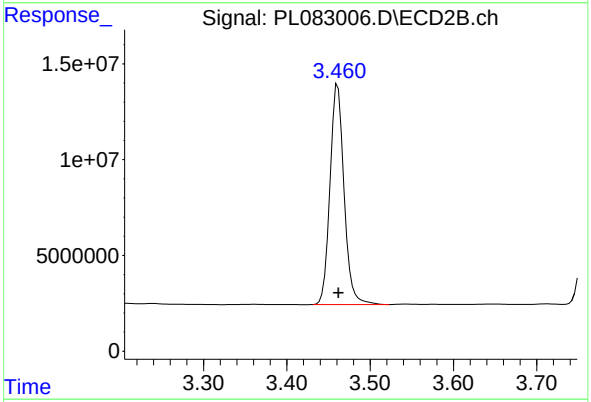
R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 138468766
Conc: 37.11 ng/ml



#3 gamma-BHC (Lindane)

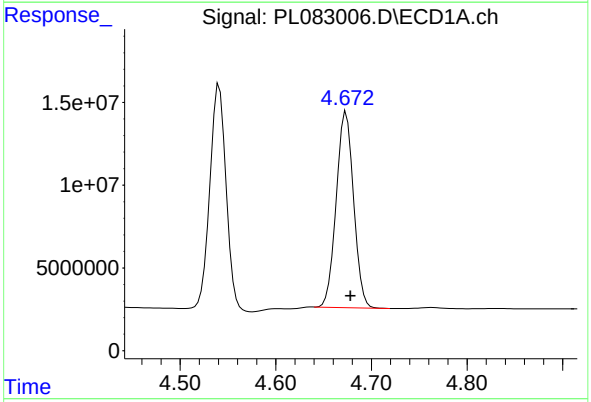
R.T.: 4.096 min
Delta R.T.: -0.003 min
Response: 168219299
Conc: 40.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



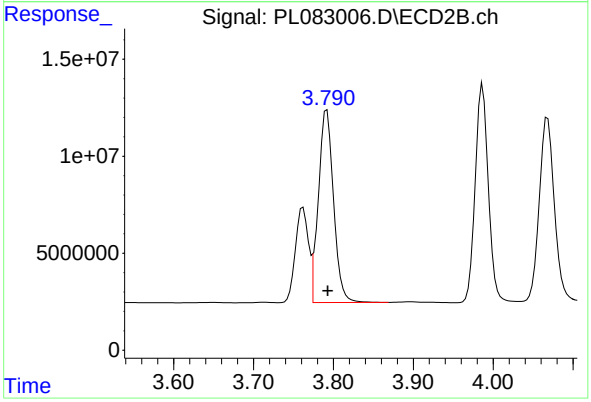
#3 gamma-BHC (Lindane)

R.T.: 3.461 min
Delta R.T.: 0.000 min
Response: 135151270
Conc: 40.55 ng/ml



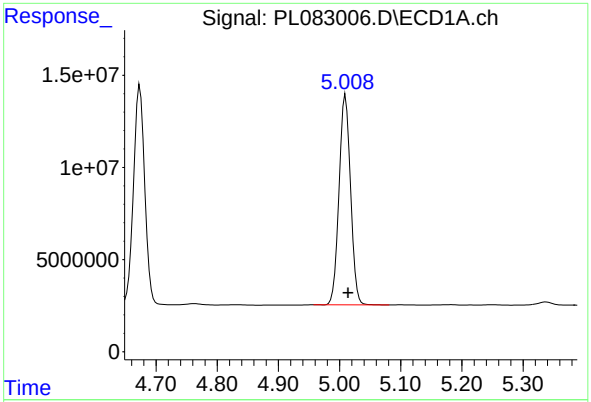
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 149574173
Conc: 39.13 ng/ml



#4 Heptachlor

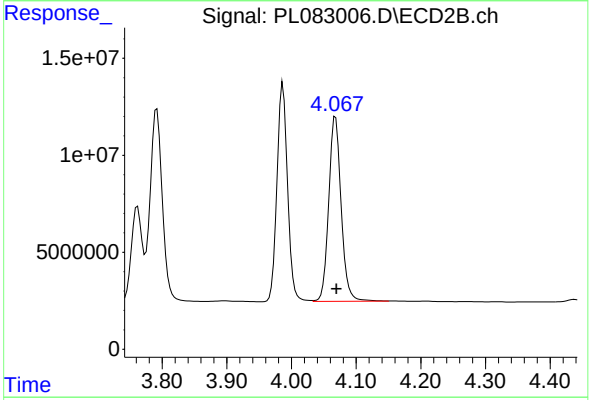
R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 130800005
Conc: 35.73 ng/ml



#5 Aldrin

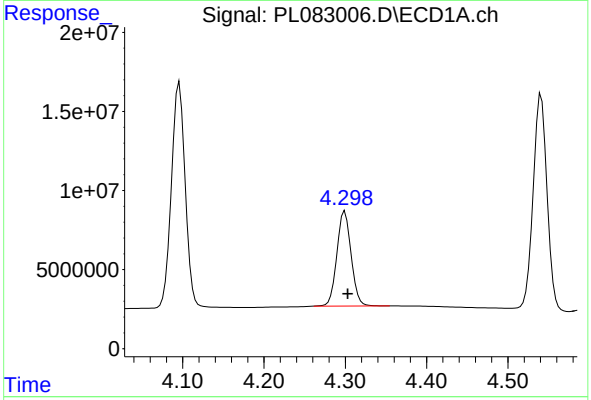
R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 148726409
Conc: 42.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



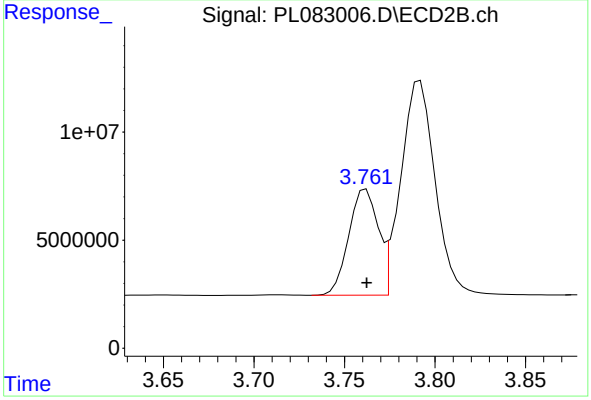
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: -0.002 min
Response: 126828684
Conc: 38.98 ng/ml



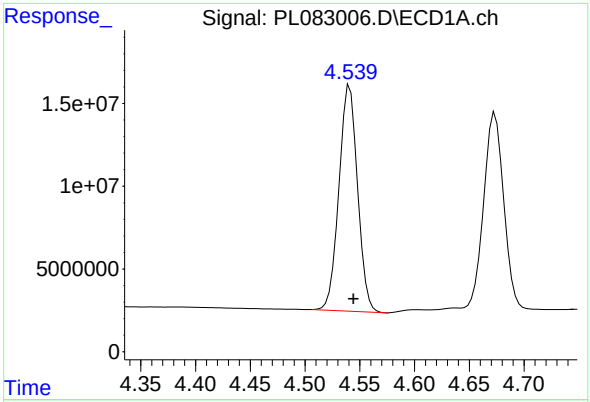
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 72796500
Conc: 38.67 ng/ml



#6 beta-BHC

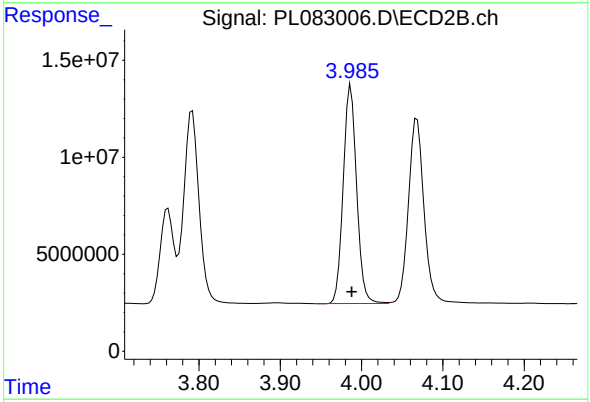
R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 55637771
Conc: 38.91 ng/ml



#7 delta-BHC

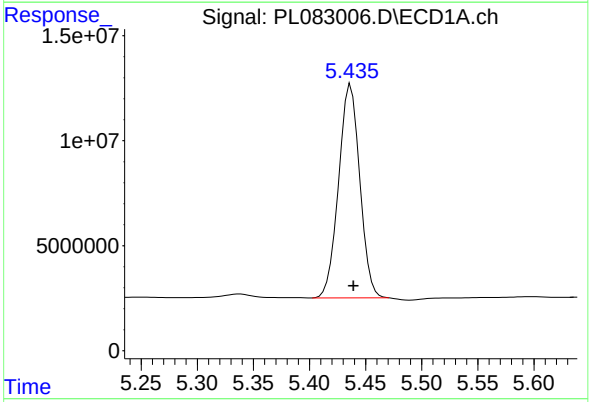
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 161364185
Conc: 46.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



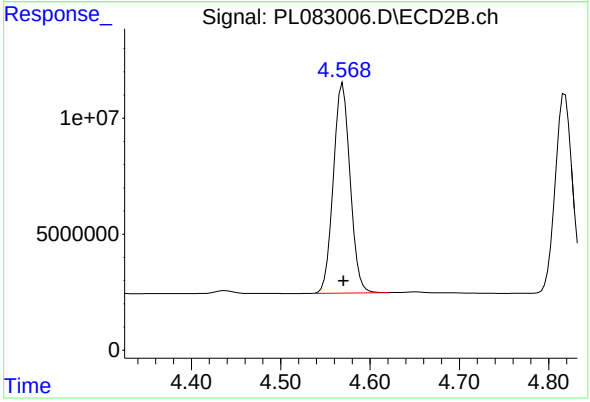
#7 delta-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 128461563
Conc: 39.21 ng/ml



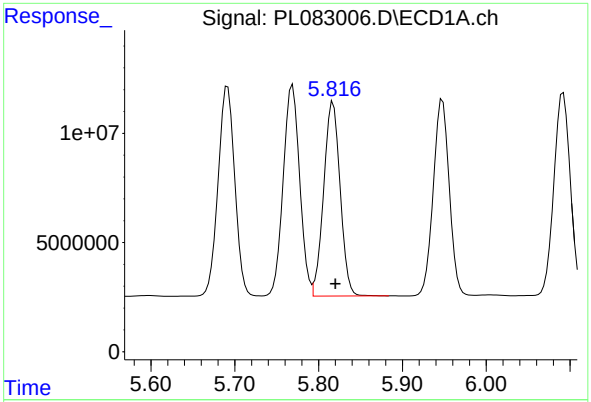
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.002 min
Response: 133535945
Conc: 41.75 ng/ml



#8 Heptachlor epoxide

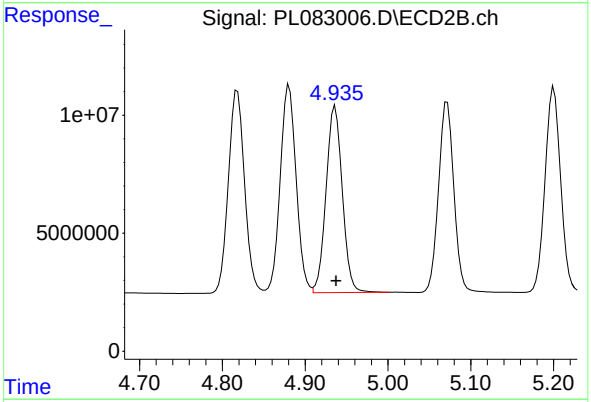
R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 117837521
Conc: 39.70 ng/ml



#9 Endosulfan I

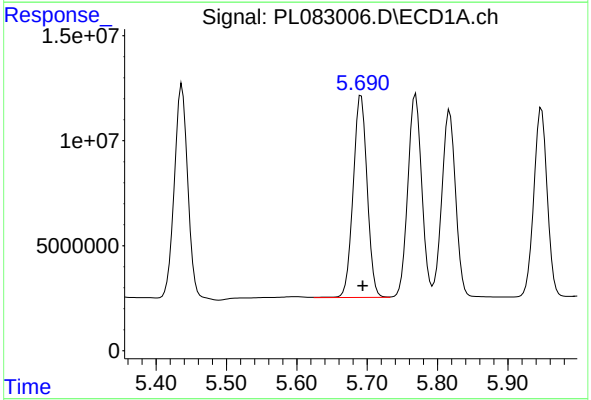
R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 121407515
Conc: 40.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



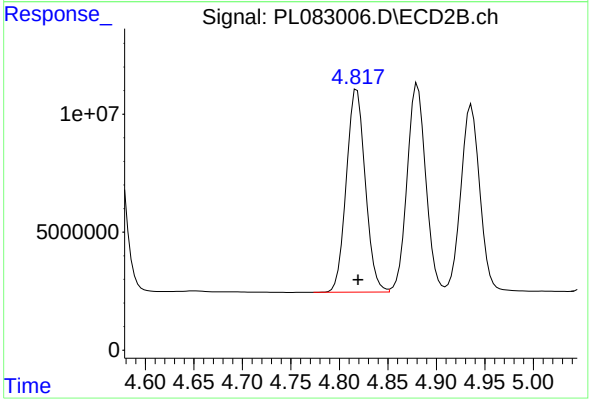
#9 Endosulfan I

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 107621390
Conc: 38.51 ng/ml



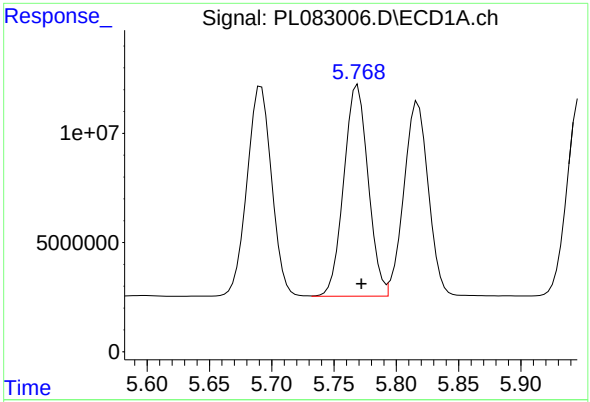
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 133406937
Conc: 41.99 ng/ml



#10 gamma-Chlordane

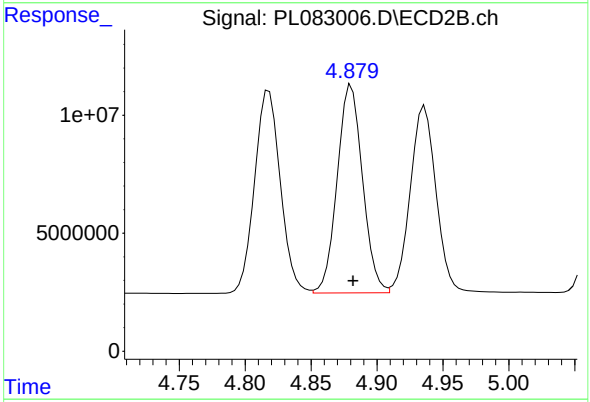
R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 116979536
Conc: 38.95 ng/ml



#11 alpha-Chlordane

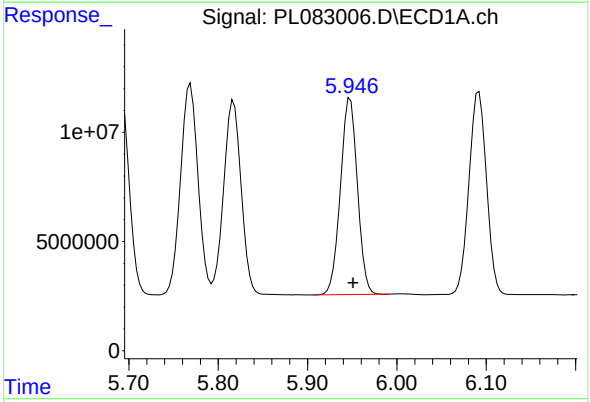
R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 132038282
Conc: 41.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



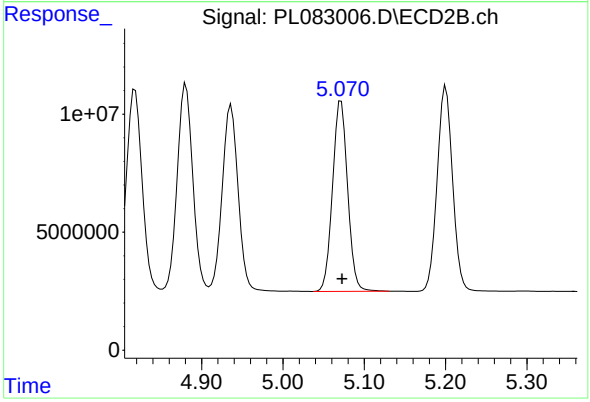
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.001 min
Response: 117868351
Conc: 39.26 ng/ml



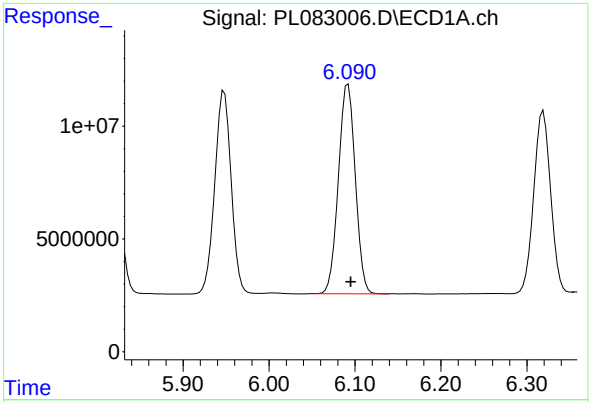
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 118978480
Conc: 43.16 ng/ml



#12 4,4'-DDE

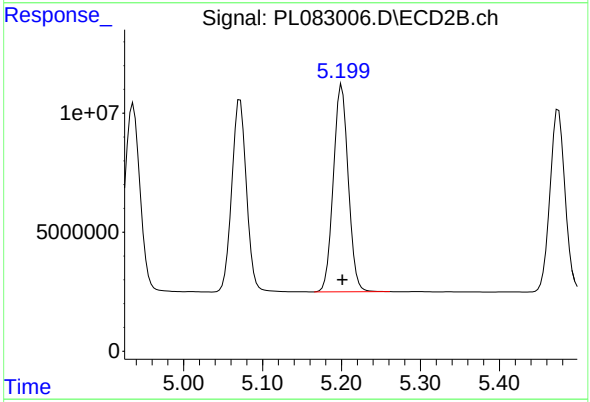
R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 104087250
Conc: 42.86 ng/ml



#13 Dieldrin

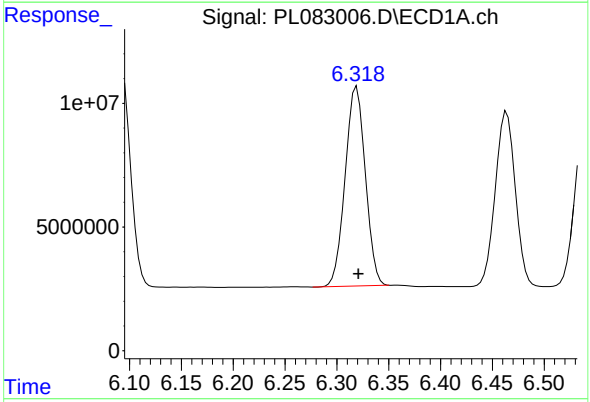
R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 126941250
Conc: 42.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



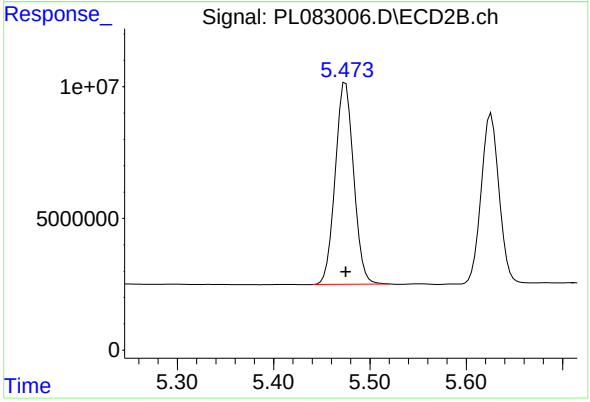
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 114029311
Conc: 40.39 ng/ml



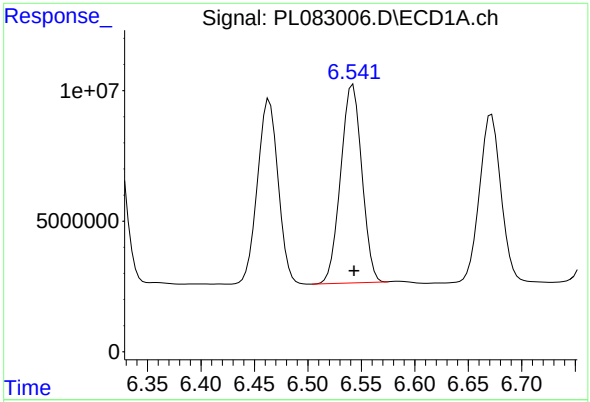
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 109423608
Conc: 40.72 ng/ml



#14 Endrin

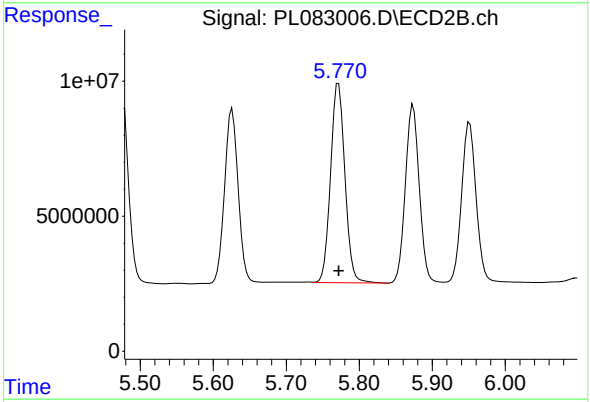
R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 101788883
Conc: 40.12 ng/ml



#15 Endosulfan II

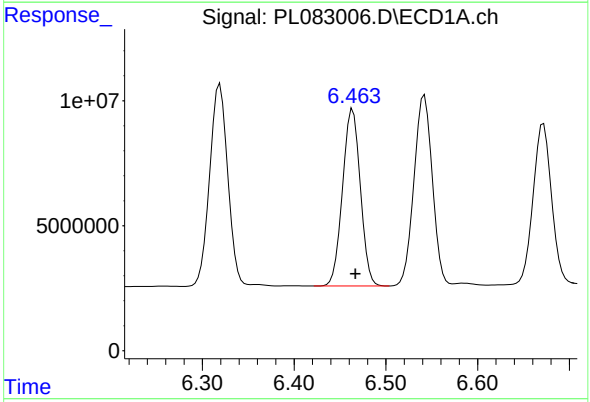
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 104805303
Conc: 38.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



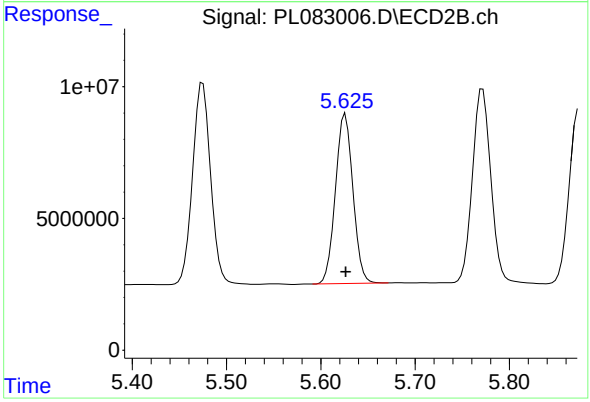
#15 Endosulfan II

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 100686033
Conc: 40.69 ng/ml



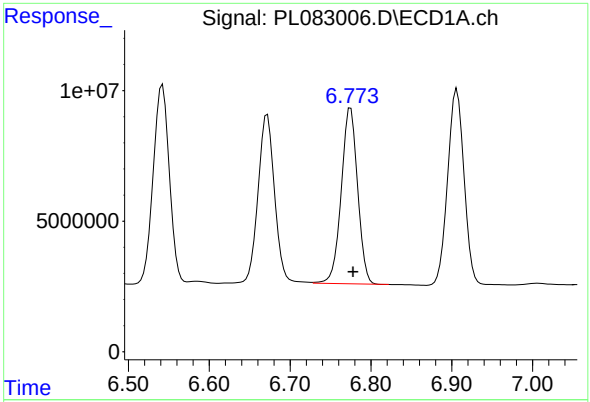
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 95375954
Conc: 43.89 ng/ml



#16 4,4'-DDD

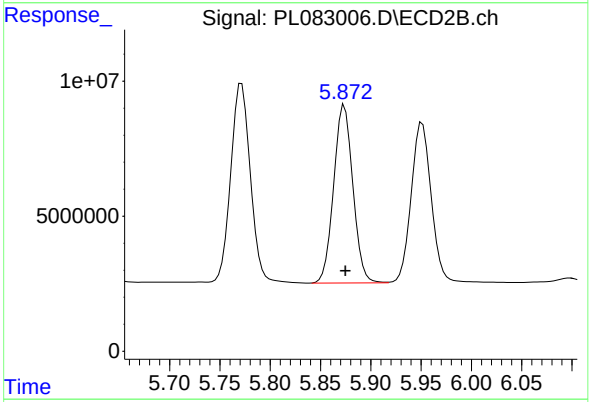
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 83005888
Conc: 43.16 ng/ml



#17 4,4'-DDT

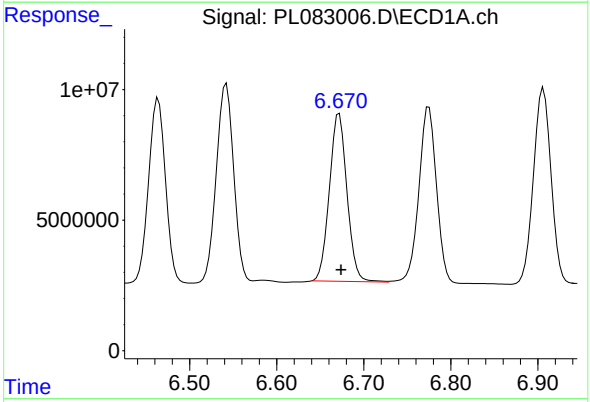
R.T.: 6.775 min
Delta R.T.: -0.003 min
Response: 94615871
Conc: 37.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



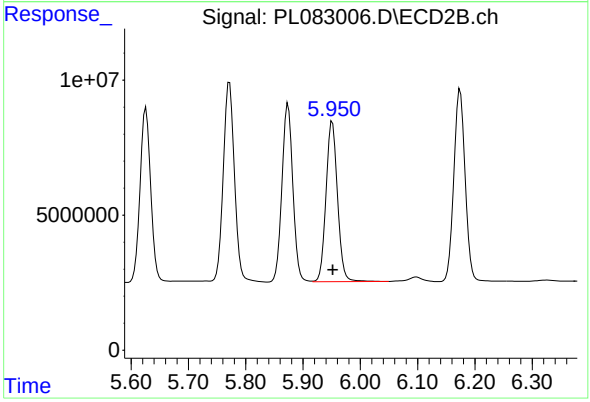
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 87452833
Conc: 39.20 ng/ml



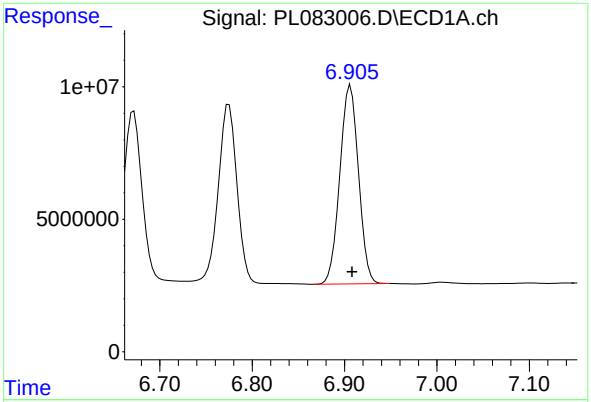
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 90305606
Conc: 44.91 ng/ml



#18 Endrin aldehyde

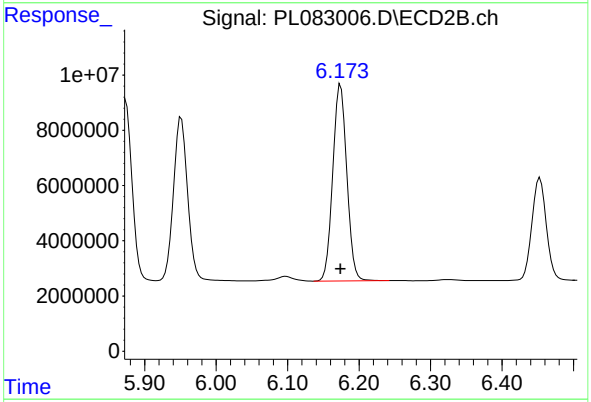
R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 82547702
Conc: 41.74 ng/ml



#19 Endosulfan Sulfate

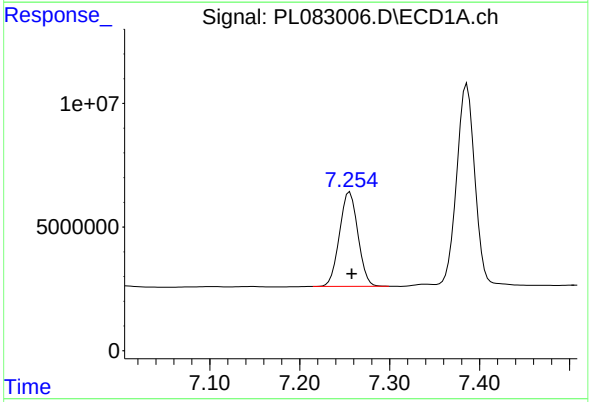
R.T.: 6.906 min
Delta R.T.: -0.002 min
Response: 105452864
Conc: 41.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



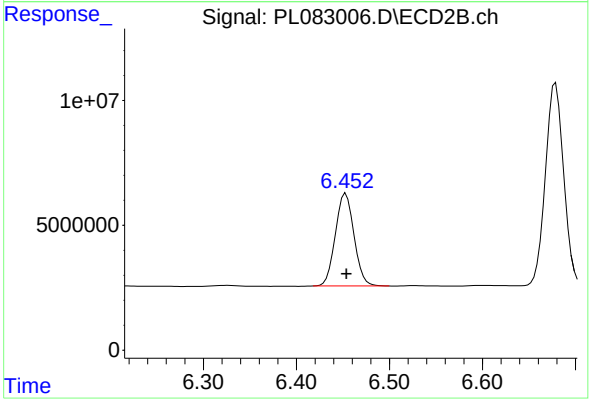
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 97011871
Conc: 39.61 ng/ml



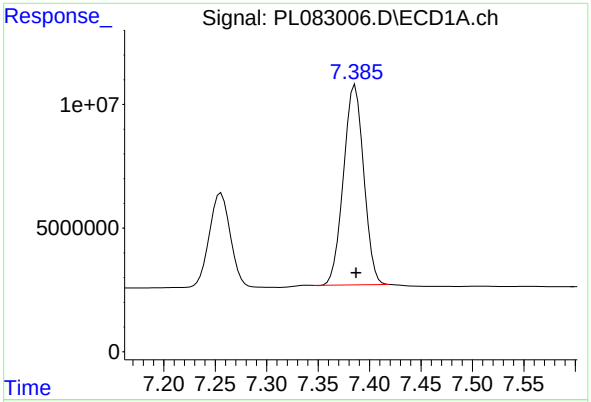
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 54402816
Conc: 41.14 ng/ml



#20 Methoxychlor

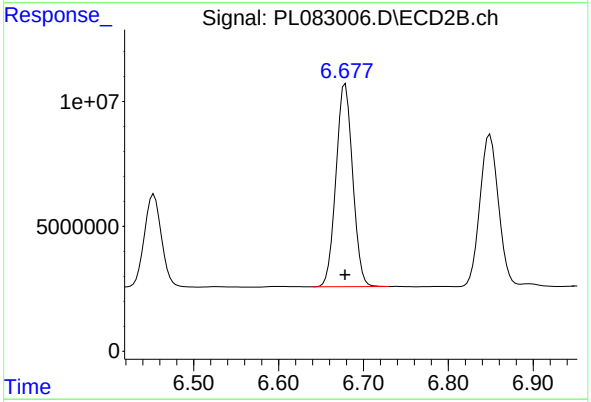
R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 51735121
Conc: 40.68 ng/ml



#21 Endrin ketone

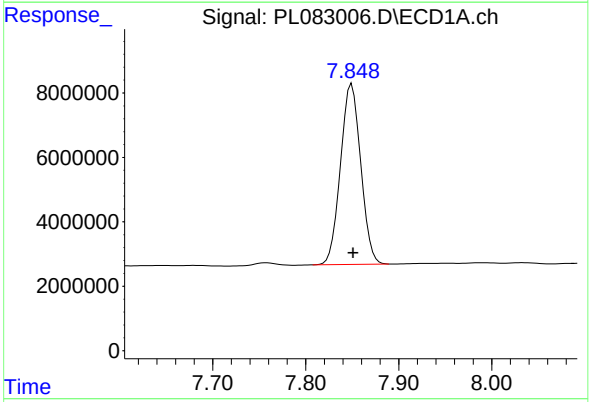
R.T.: 7.386 min
Delta R.T.: 0.000 min
Response: 110881377
Conc: 43.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



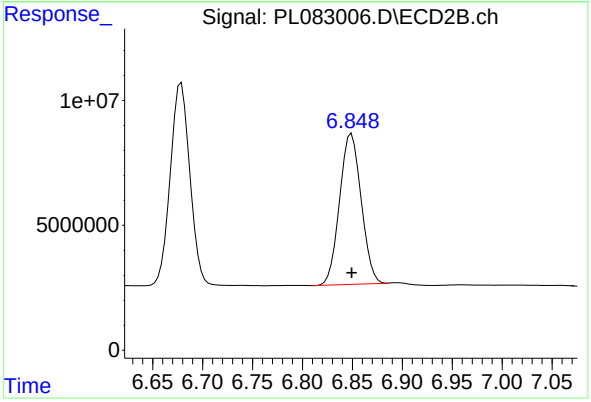
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 110820495
Conc: 40.99 ng/ml



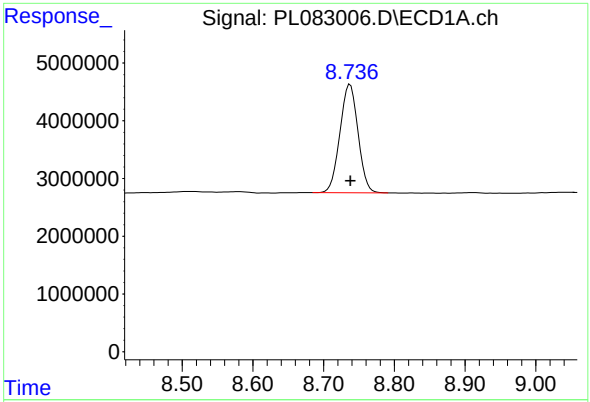
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 84842407
Conc: 40.48 ng/ml



#22 Mirex

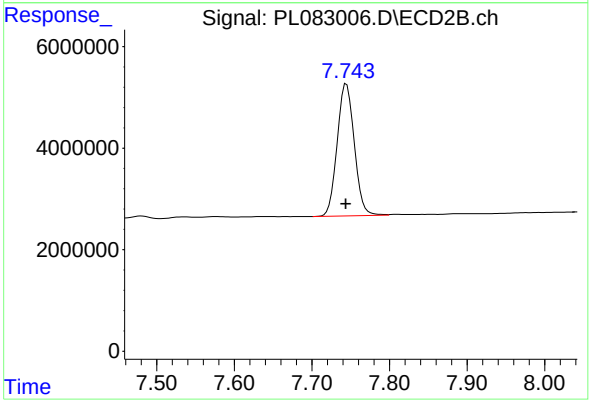
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 90830879
Conc: 38.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.737 min
Delta R.T.: 0.000 min
Response: 33395684
Conc: 15.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
DUP01MSD



#28 Decachlorobiphenyl

R.T.: 7.745 min
Delta R.T.: 0.001 min
Response: 39965560
Conc: 16.07 ng/ml